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Application/Control No.: **09/677,493**
Filing Date: 10/02/2000
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March 1, 2008

Darlene Brown
Patent Appeal Center Specialist
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Supplement to Brief of Appeal

Dear Darlene,

I, George Guang Yang, independent inventor and appellant, filed my patent application, INTEGRATED DATABASE DATA EDITING SYSTEM, in your office on October 2, 2000 (**#09/677,493**). This letter is to response to your "Notification of Non-Compliant Appeal Brief (37 CFR 41.37)" mailed to me on February 20, 2008. I have made the following amendments under your instruction as the supplement to my "Brief of Appeal" filed at your office on January 15, 2008.

Status of Claims (37 CFR 41.37©(1)(iii)):

My patent application Claims 1-7 were finally rejected by your "Office Action Summary" and "Detailed Action" mailed to me on November 28, 2007 by the Examiner, Mr. Baoquoc N. To. I appeal my Claims 1-7 to the Board of Patent Appeals and Interferences.

Claims Appendix (37 CFR 41.37©(1)(viii)):

Attached is a clean copy of my Claims 1-7 on appeal, which was submitted to your office on September 10, 2007 and was finally rejected on November 28, 2007.

Evidence Appendix (37 CFR 41.37©(1)(ix):

I submitted the "Notice of Reference" with my appeal brief to your office on January 11, 2008, which is the list of US Patents as evidence relied upon by the examiner and me on appeal. Attached are the copies of the sections of original documents cited by the examiner and on my "Brief of Appeal" argument section, as listed in the followings:

Moursund (US Patent No. 5,644,739): Figure 4A-G; Column 5.

Koppolu et al. (US Patent No. 5,801,701): Figures 4, 32; Columns 3, 4, 7, 8, 60.

Teper et al. (US Patent No. 5,815,665): Column 17.

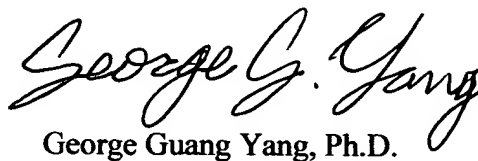
Gill et al. (US Patent No. 6,005,560): Figures 1, 4; Columns 2, 3, 4, 5, 8, 10, 12, 13, 15, 16.

Allport (US Patent No. 6,104,334): Columns 7, 24, 27.

Bowman-Amuah (US Patent No. 6,256,773): Column 53.

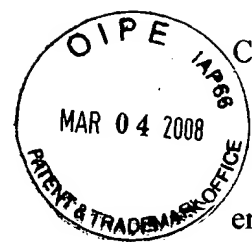
I hope that my amendments and corrections will satisfy your requirements. My patent application is original and is very significant in both technology and economy fields. Once it is approved and implemented as commercial software products, it will play a very significant role to make progress for our "Hi-Tech" industry and to prosper our economy. I request the Board of Patent Appeals and Interferences to reverse the final rejection of my patent Claims 1-7 and to approve my patent application as soon as possible.

Sincerely,

A handwritten signature in black ink that reads "George G. Yang". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

George Guang Yang, Ph.D.

Independent Inventor/Appellant



CLAIMS

What I claim as my invention is:

1. An integrated relational database data editing system providing a visual environment, graphic user interfaces and tools in a client computer to remotely access a server computer that contains a relational database and to manage and edit said database data contents through either intranet or Internet, and said system includes the following mechanisms and characters:

(i) said client computer retrieves the database data from the remote server computer database, modifies, updates, input, output the data and then sends the data back to the original database; and

(ii) said client computer directly edits and modifies the database data without writing detail computer language codes in an efficient and easy-to-use manner; and

(iii) said client computer directly edits and modifies the large text data type and large binary data type by using a plurality of commercial text and multimedia data editors installed on the client computer; and

(iv) said database data editing system uses TCP/IP (Transfer Control Protocol/Internet Protocol) based connection-oriented network protocols to communicate between the client and server computers; and

(v) said database data editing system implements user authentication and access control mechanisms which assign different user groups with different privileges.

2. The database data editing system of claim 1 contains the well-defined graphic user interfaces and tools that display a database table or a subset data of a table and have the following characters:

(i) said database data on each table cell is defaulted as read only; and

(ii) said database small text data on each table cell is directly edited when single-clicked by the mouse; and

(iii) said table cell contains a small icon as a place-holder for the large text data type or large binary data type; and

(iv) said commercial data editor is popped up from the local client computer when double-clicked the small icon of a table cell by the mouse and the database data is

downloaded into the data editor from the remote server database and the edited data is then sent back to the original database when data editing is completed; and

(v) said data editor is either a text editor or a multimedia editor depending on the database data type inside the table cell.

5 3. The database data editing system of claim 1 contains a Database Data Manager in the client computer comprising a Header Panel and a Detail Panel, which provides a user-friendly visual environment and tools to manage and edit the database data contents.

10 4. The Header Panel of the Database Data Manager of Claim 3 contains a list of databases and database tables for each database, and

(i) a Detail Panel is popped up when double-clicked the database name; and

(ii) a database table is popped up when double-clicked the table name.

5. The Detail Panel of Claims 3 & 4 further contains:

(i) a Database Designer for creating and modifying the database; and

15 (ii) an Entity Relationship Designer for editing and managing the entity relationships of the database tables; and

(iii) a Table Designer for designing and modifying the database tables; and

(iv) a Database Schema for designing and modifying the database data structure and micros; and

20 (v) a Data Filter for selecting a set of data from one or more database tables; and

(vi) an SQL Console for writing and executing the SQL codes to the remote server database.

6. A client/server version of the integrated database data editing system of claim 1 is implemented by using Java technologies and deployed to the intranet.

25 7. A web version of the database data editing system of claim 1 is implemented by using web and Java technologies and deployed to Internet and other network systems, and further has more advantages to implement the security features by using the PKI (Public Key Infrastructure), SSL (Secure Socket Layer) and firewall.